

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10010372-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nelson R. Holcomb et al.

Serial No.: 09/900,084

Examiner: Arun K. Chakrabarti

Filing Date: 07/05/2001

Group Art Unit: 1634

Title: A BUFFER COMPOSITION AND METHOD FOR HYBRIDIZATION OF MICROARRAYS ON ADSORBED POLYMER SILICEOUS SURFACES

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- (X) under 37 CFR 1.97 (d) together with a:  
(X) Statement under 37 CFR 1.97(e), and  
( ) a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

( ) Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with Federal Express in an envelope addressed to: Commissioner for Patents, Crystal Mall 1 Seventh Floor, 1911 S. Clark St., Arlington, VA 22202.

Date of Deposit: 05/28/2003

Typed Name: Elizabeth Miller

Signature: Elizabeth Miller

Respectfully submitted,

Nelson R. Holcomb et al.

By Gordon M. Stewart

Gordon M. Stewart

Attorney/Agent for Applicant(s)

Reg. No. 30,528

Date: 05/28/2003

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STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- ( ) No item of information contained in the Information Disclosure Statement
  - was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,  
Nelson R. Holcomb et al.

By   
Gordon M. Stewart

Attorney/Agent for Applicant(s)  
Reg. No. 30,528

Date: 05/28/2003

Telephone No.: (650) 485-2386

## PATENT APPLICATION

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10010372-1

SERIAL NO.

09/900,084

APPLICANT

Nelson R. Holcomb et al.

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07/05/2001

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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
AC		WO 01/42512	14 June 2001	Incyte Genomics, Inc.		
		WO 01/42501	14 June 2001	Karolinska Innovations AB		
		WO 98/13527	2 April 1998	Darwin Molecular Corporation		
		EP 1 262 566	4 Dec. 2002	Agilent Technologies Inc.		
		EP 1 186 671	13 Mar 2002	Agilent Technologies Inc.		

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Duca, K.A. et al., "Nuclear clustering in myotubes: a proposed role in acetylcholine receptor mRNA expression", BIOCHIMICA ET BIOPHYSICA ACTA, Vol. 1401, 1998, pp. 1-20.
		Dignam, J.D. et al., "Accurate transcription initiation by RNA polymerase II in a soluble extract from isolated mammalian nuclei", NUCLEIC ACIDS RESEARCH, Vol. 11, No. 5, 1983, pp. 1475-1489,
AC		Cataldo, L. M. et al., "Rat NAP1: cDNA cloning and upregulation by Mp1 ligand", GENE, Vol. 226, 1999, pp. 355-364.

EXAMINER

Arum kr. Chakrabarti

DATE CONSIDERED

6/2/03

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

## PATENT APPLICATION

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FORM PTO-1449

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		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

Ac		Nishida, K. et al., "Association of the proto-oncogene product Dbl with G protein Beta Gamma subunits", FEBS LETTERS, Vol. 459, 1999, 186-190.
		Hughes, T.R. et al., "Expression profiling using microarrays fabricated by an ink-jet oligonucleotide synthesizer", NATURE BIOTECHNOLOGY, Vol. 19, 2001, pp. 342-347.
Ac		Marton, M.J. et al., "Drug target validation and identification of secondary drug target effects using DNA microarrays", NATURE MEDICINE, Vol 4, No. 11, 1998, pp. 1293-1301.

EXAMINER

Amur kr. Chakrabarti

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6/2/03

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## PATENT APPLICATION

Sheet 3 of 3

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>10010372-1</b>	SERIAL NO. <b>09/900,084</b>
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					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AC	Schena, M. et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", SCIENCE, Vol. 270, 1995, pp. 467-470.		
	Zammatteo, N. et al., "Comparison between Different Strategies of Covalent Attachment of DNA to Glass Surfaces to Build DNA Microarrays", ANALYTICAL BIOCHEMISTRY, Vol 280, 2000, pp. 143-150.		
AC	Communication from European Patent Office dated March 3, 2003, EP Search Report dated Feb. 20, 2003.		
EXAMINER	Arjun Kr. Chakrabarti	DATE CONSIDERED	6/2/03

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